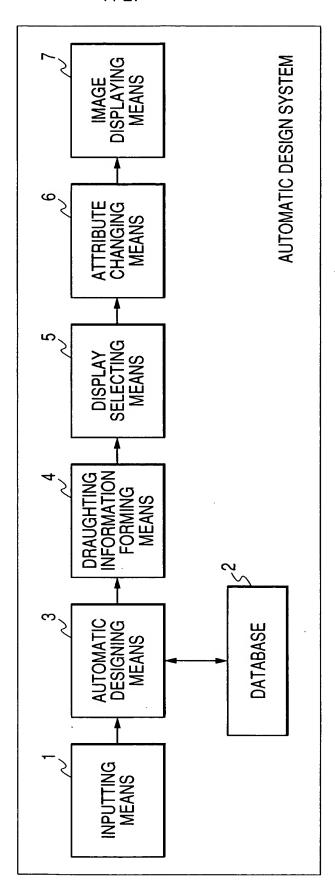
1AN 1 0 2007

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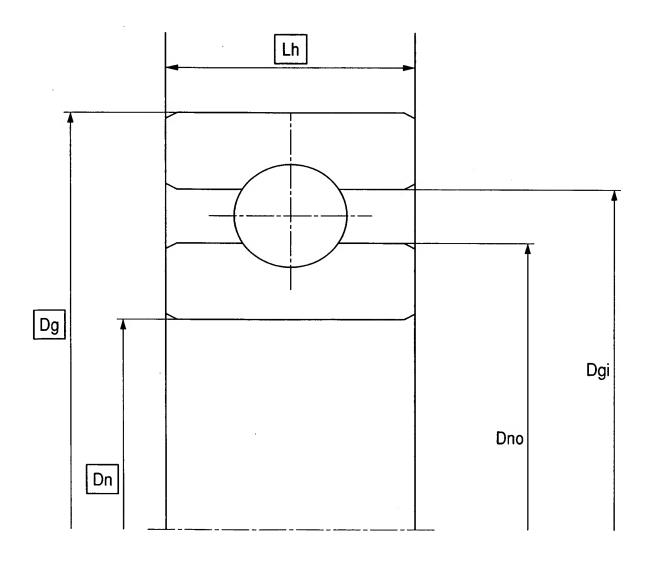
FIG. 2

Dno	r1
10 ~ 30	0.2
30 ~ 50	0.3
50 ~ 100	0.5

Dgi	r2
10 ~ 30	0.2
30 ~ 50	0.3
50 ~ 100	0.5

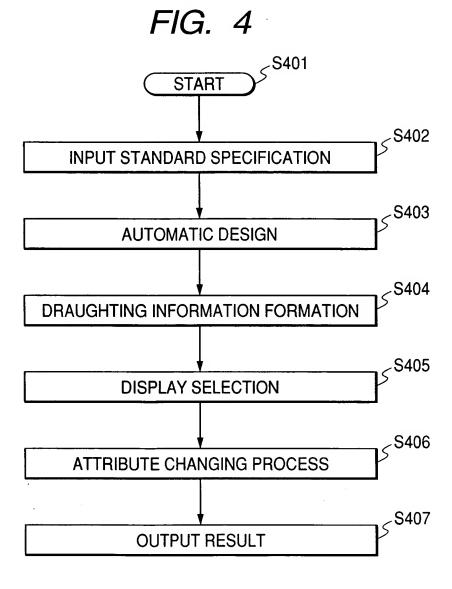
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FIG. 3



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FIG. 5

INPUT	STANDARD SPECIFICATIONS
Dn =	
Dg =	
Lh =	ОК

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FIG. 6

AUTOMATIC COMPUTING PROCESS OF DETAILED PORTIONS

$$Dno = Dn + (Dg-Dn)/4$$

$$Dgi = Dgn - (Dg-Dn)/4$$

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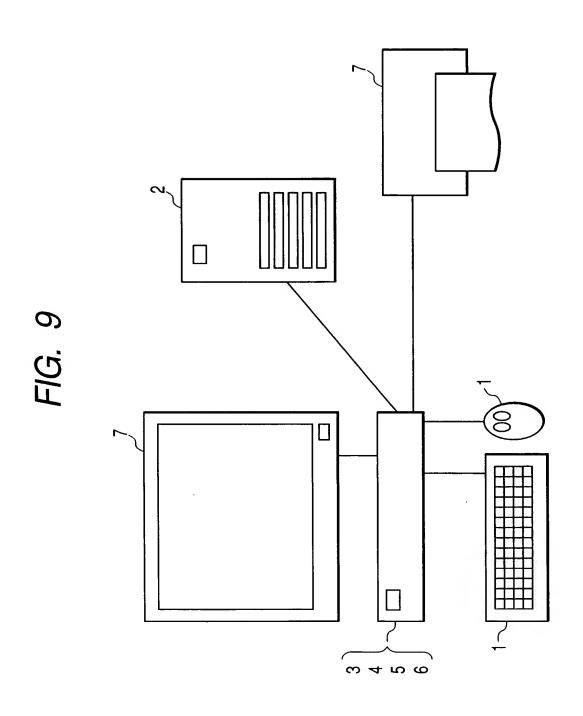
```
DRAUGHTING INFORMATION FORMATION
X1 = X0
Y1 = Y0+Dg/2
X2 = X1+Lh
Y2 = Y1
P1 = (X1, Y1)
P2 = (X2, Y2)
P3 = (X3, Y3)
Line (P1, P2, y)
Line (P2, P3, y)
Тхt ("Ф", Dg, y, m)
Txt ("Φ", Dn, y, m)
Txt (" ", Lh, y, m)
```

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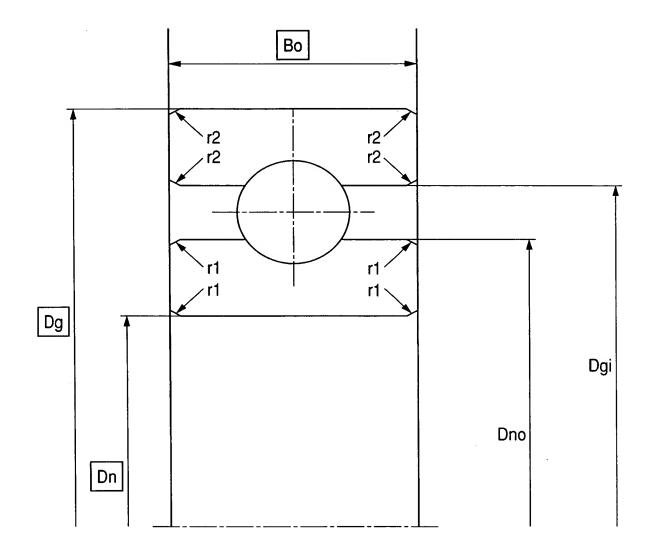
SELECTION	I OF DISPLAY
	STANDARD DISPLAY
	INPUT VALUE DISPLAY
	CHANGED PORTION DISPLAY
	INPUT & CHANGED PORTION DISPLAY
	OK ,

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FIG. 10



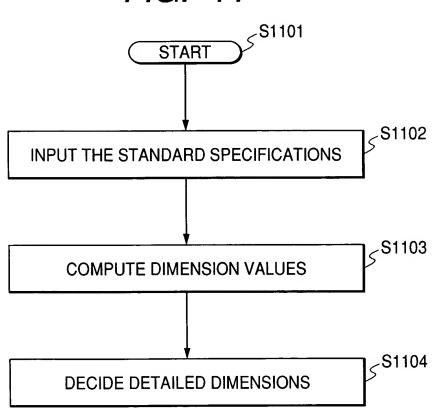
Customer Number: 65565

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FIG. 11



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Art Unit: 2125 Customer Number: 65565 Q94642 REPLACEMENT SHEET 12 of 27

FIG. 12

INPUT STANDARD SPECIFICATIONS		
Dn =		
Dg =		
Bo =	ОК	

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FIG. 13

AUTOMATIC COMPUTING PROCESS (1) OF DIMENSION VALUES

$$Dno = Dn + (Dg-Dn)/4$$

$$Dgi = Dgn - (Dg-Dn)/4$$

AUTOMATIC COMPUTING PROCESS (2) OF DIMENSION VALUES

$$r1 = 0.2$$

$$r2 = 0.3$$

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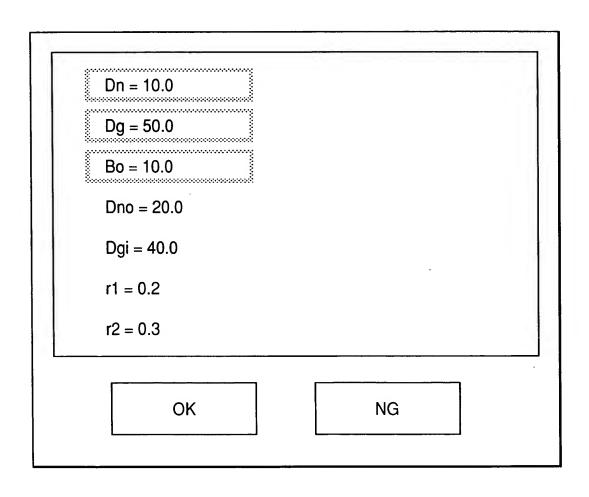
Art Unit: 2125 Customer Number: 65565

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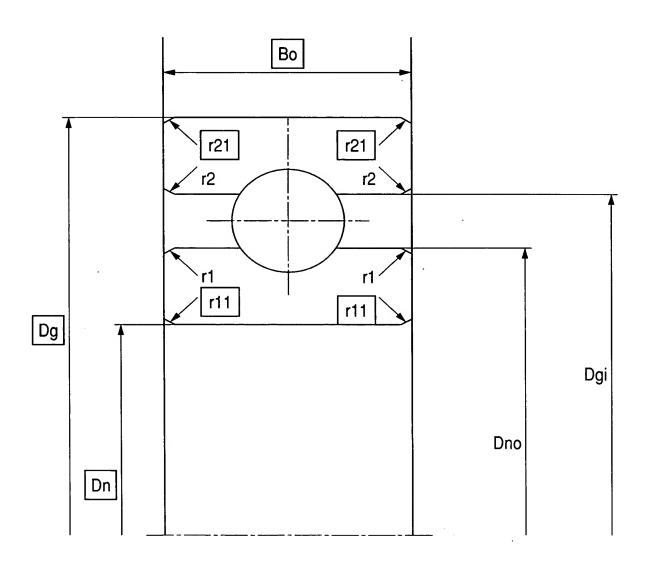
FIG. 14



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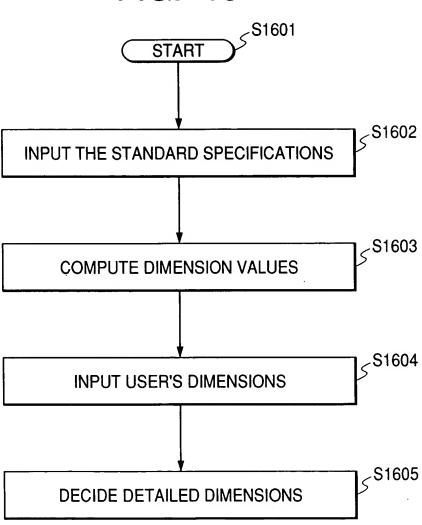
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FIG. 15



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FIG. 16



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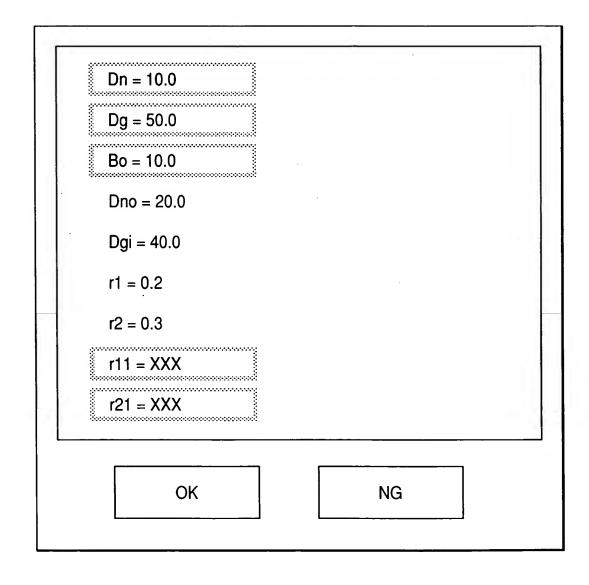
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INPÚT USE	R'S DIMENSIONS	
r11 =		·.
r21 =		ОК

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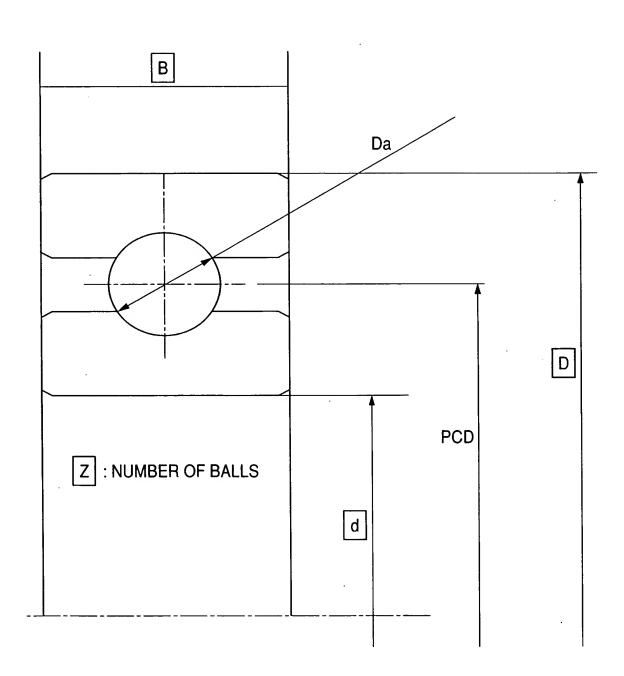
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FIG. 18



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FIG. 19



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NO

S2008

VALUES

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FIG. 20 < S2001 START S2002 INPUT THE STANDARD SPECIFICATIONS <S2003 **COMPUTE DIMENSION VALUES** _S2004 **COMPUTE FUNCTIONS CORRECT DIMENSION** S2005 NO IS A TARGET VALUE SATISFIED? YES <S2006 **DISPLAY DIMENSION VALUES**

ARE THE DIMENSION

VALUES CONFIRMED?

DECIDE DETAILED DIMENSIONS

YES

S2007

<S2009

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INPUT THE STANDARD SPECIF	FICATIONS
D =	
d =	
B =	
INPUT THE TARGETS	
TARGET LIFETIME (L) =	h
NUMBER OF REVOLUTION (R) =	Min
LOAD (P) =	Kg
	ОК

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FIG. 22

AUTOMATIC COMPUTING PROCESS OF DIMENSION VALUES

Da = 4.0

PCD = 31.0

Z = 14

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FIG. 23

LIFETIME COMPUTING PROCESS

$$C = f(..., PCD, Z, Da...)$$

 (10^6) rev)

$$Lh = L/(R * 60)$$

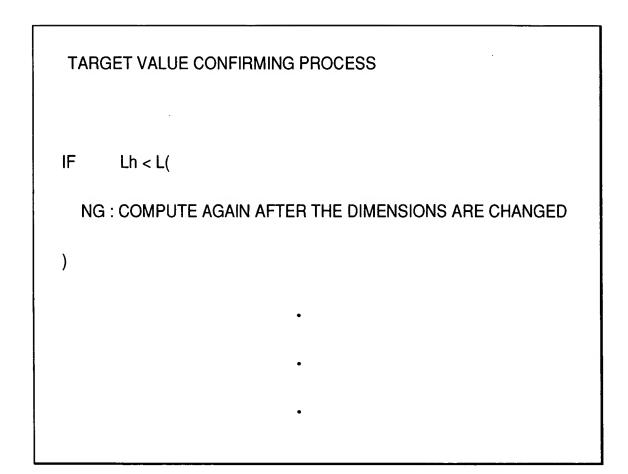
(h) min⁻¹

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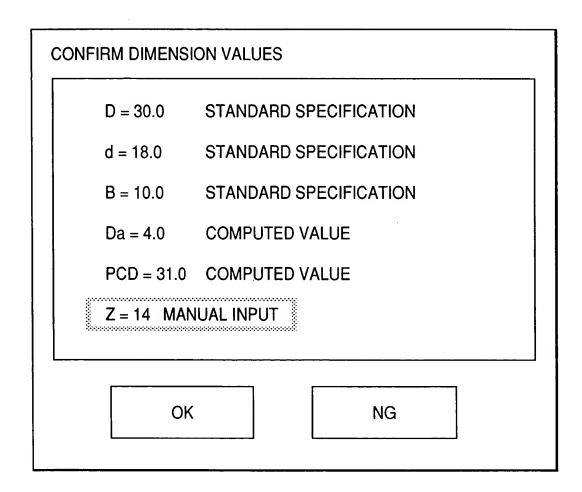
Customer Number: 65565

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FIG. 26

CORREC	CT DIMENSIONS	
Z =		
Da =		ОК

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